

FIGURE 1



FIGURE 2

1 2 3 4

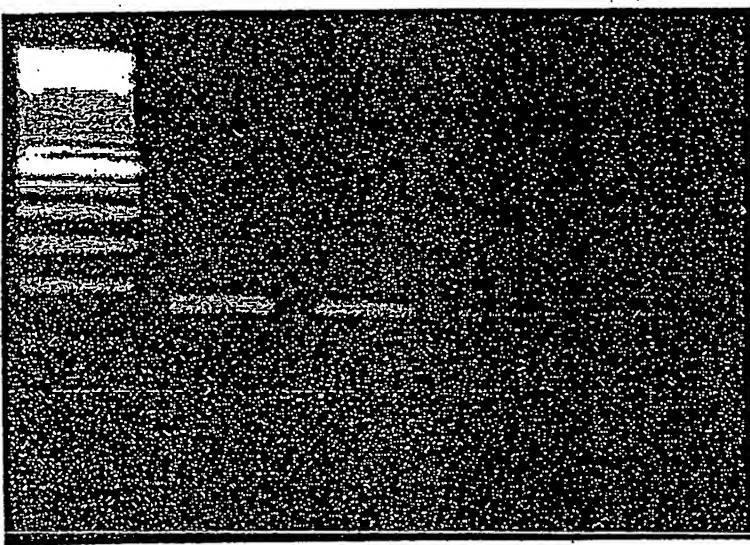
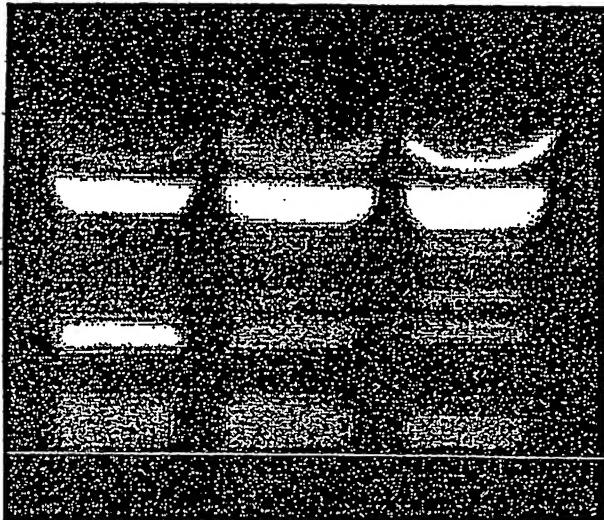


FIGURE 3

1 2 3



ZFP
GADH
INS

FIGURE 4

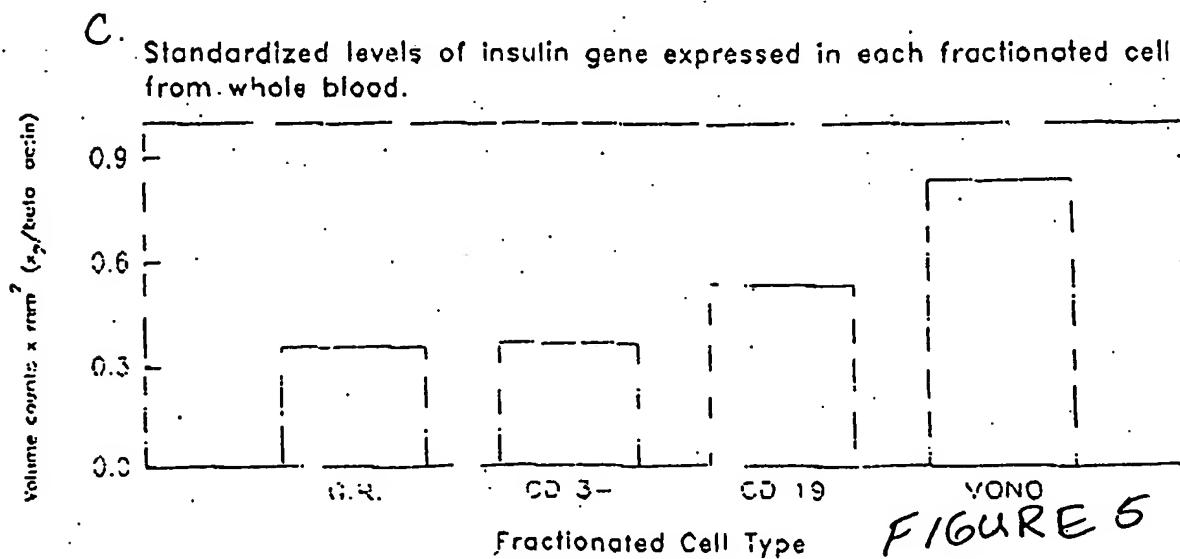
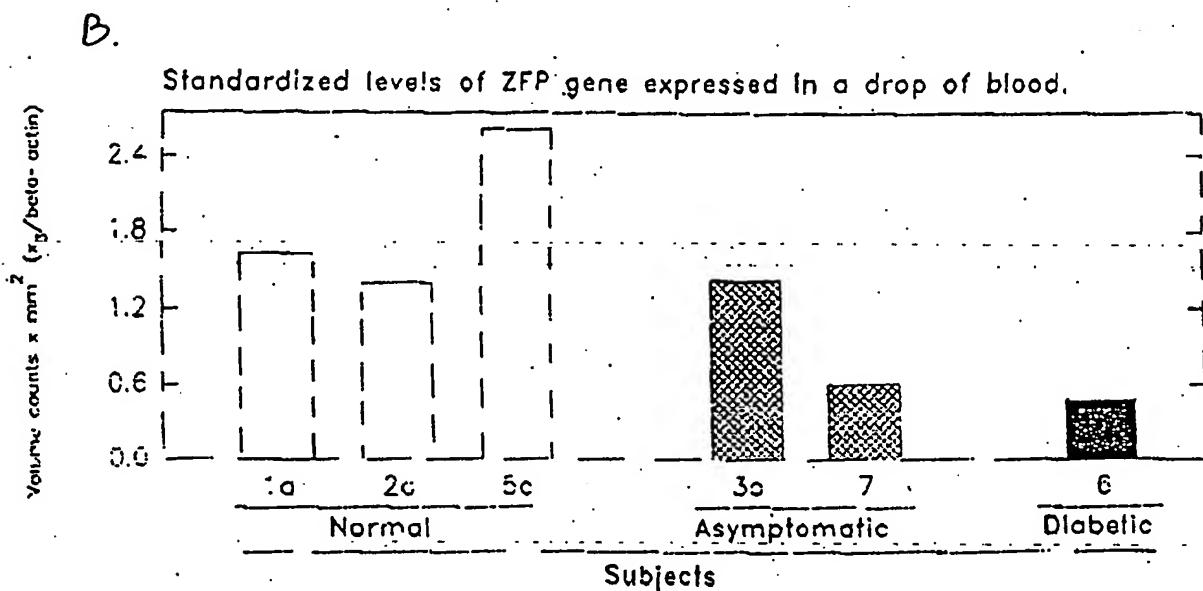
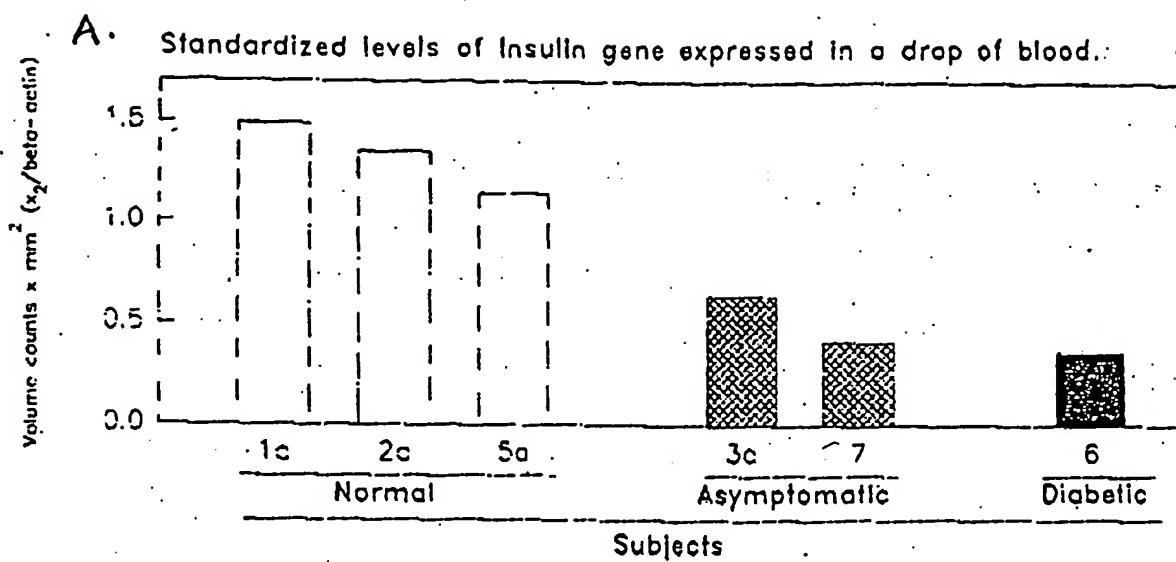
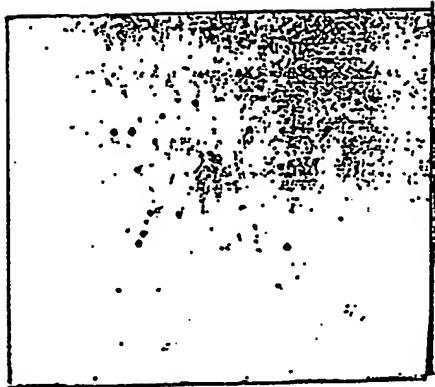


FIGURE 6

A



B

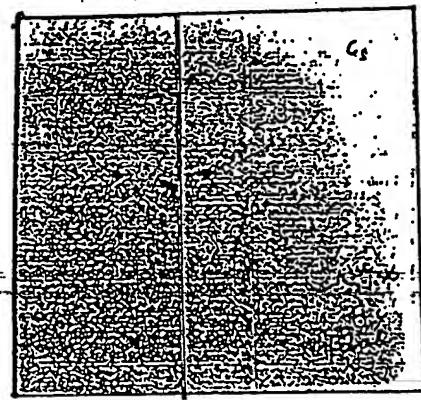
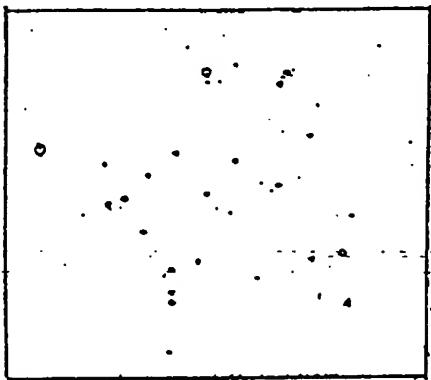


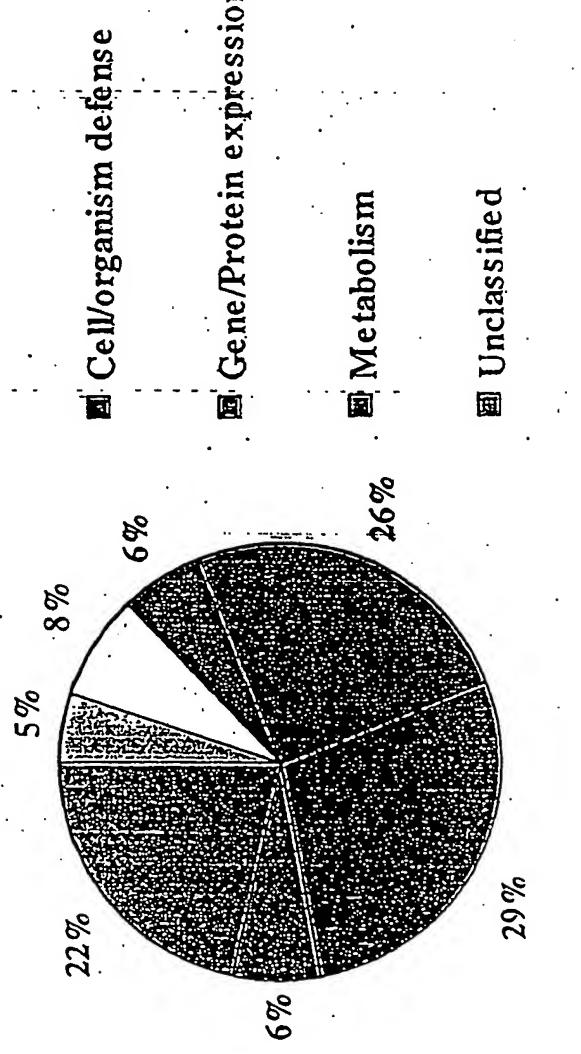
FIGURE 6

Total :13,283 ESTs
Known: 6,283
Mitochondrial: 405
Ribosome: 498
Repeat: 868
Miss. : 156
Novel: 2,718

Cell Division

Cell Signalling/Communication

Human Blood



Human Fetal Heart

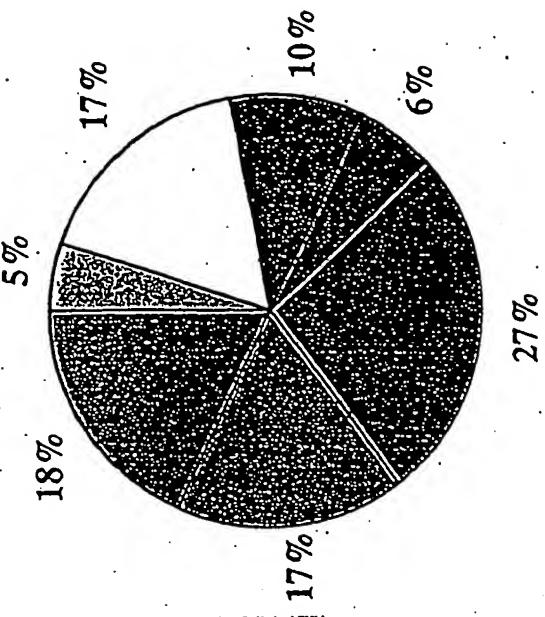
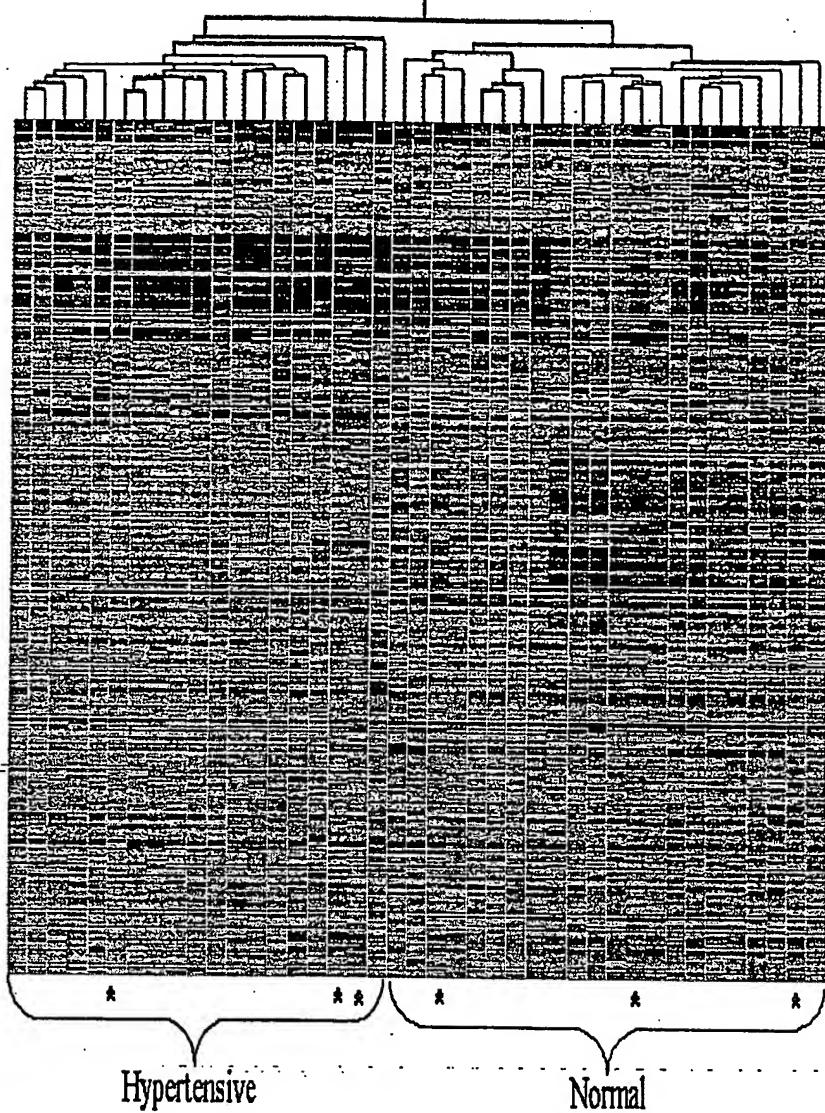


FIGURE 7

Figure 8

Hypertension



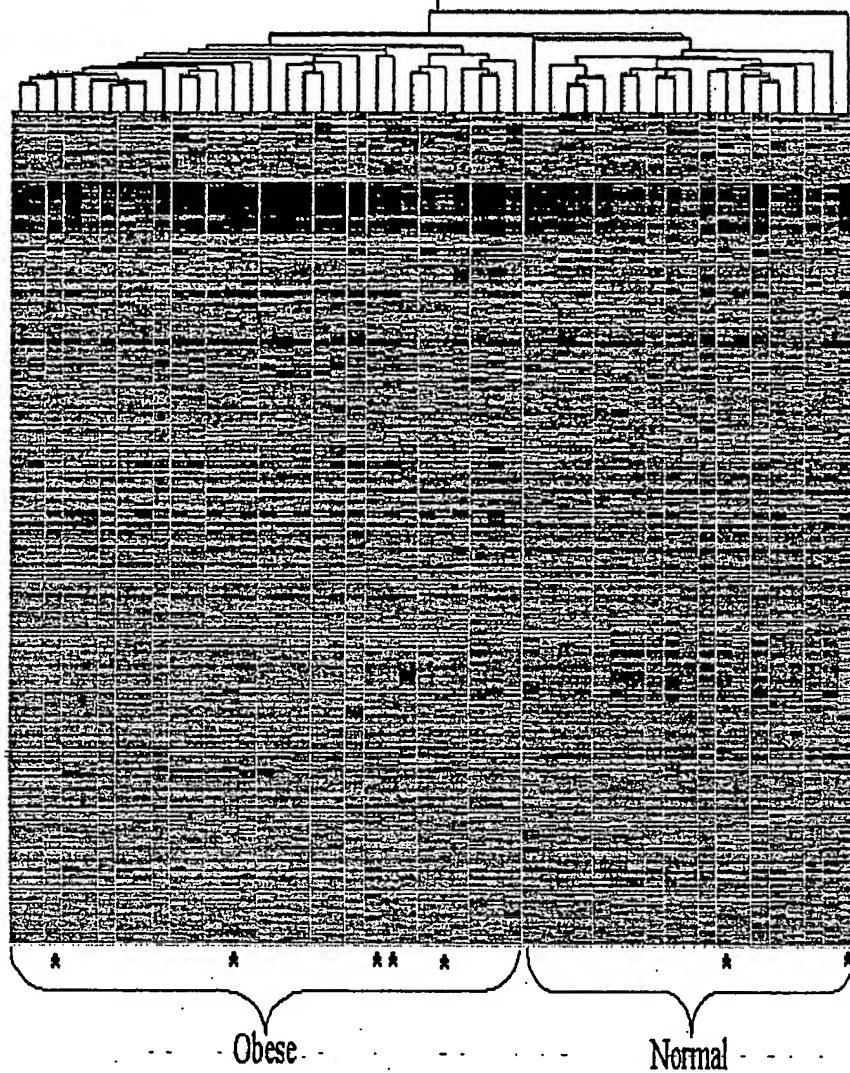
Hypertensive: 19

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 861

Figure 9

Obesity



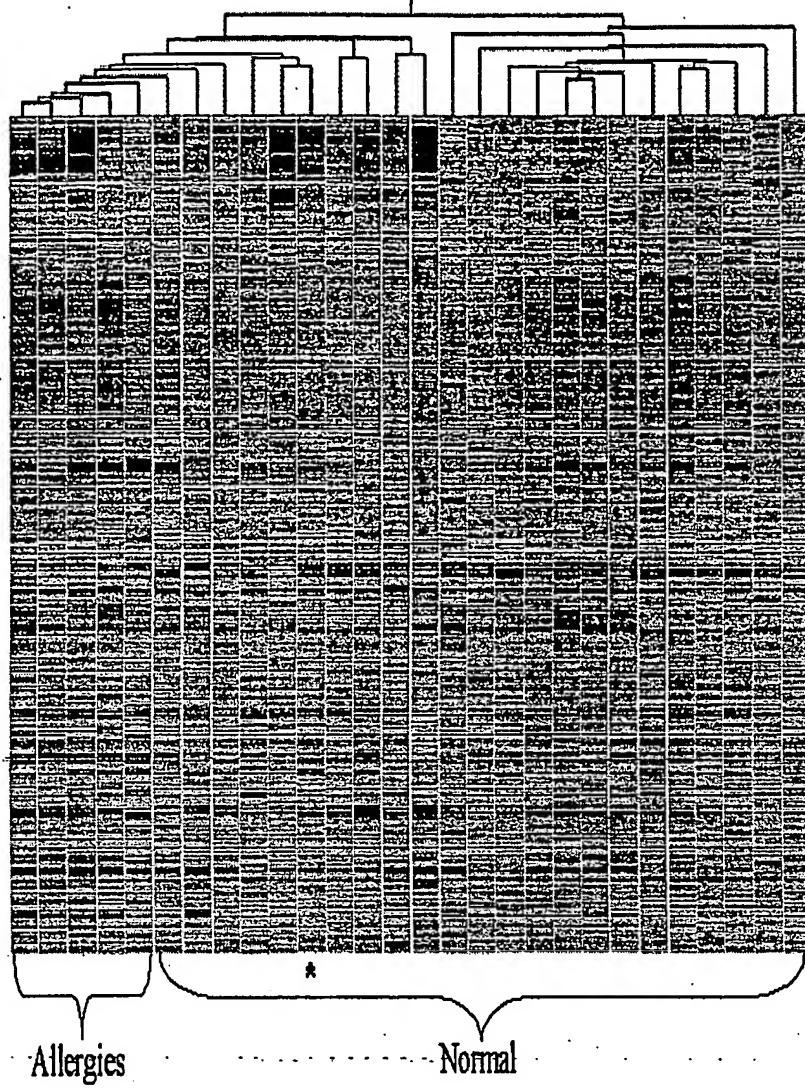
Obese: 25

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 913

Figure 10

Allergies



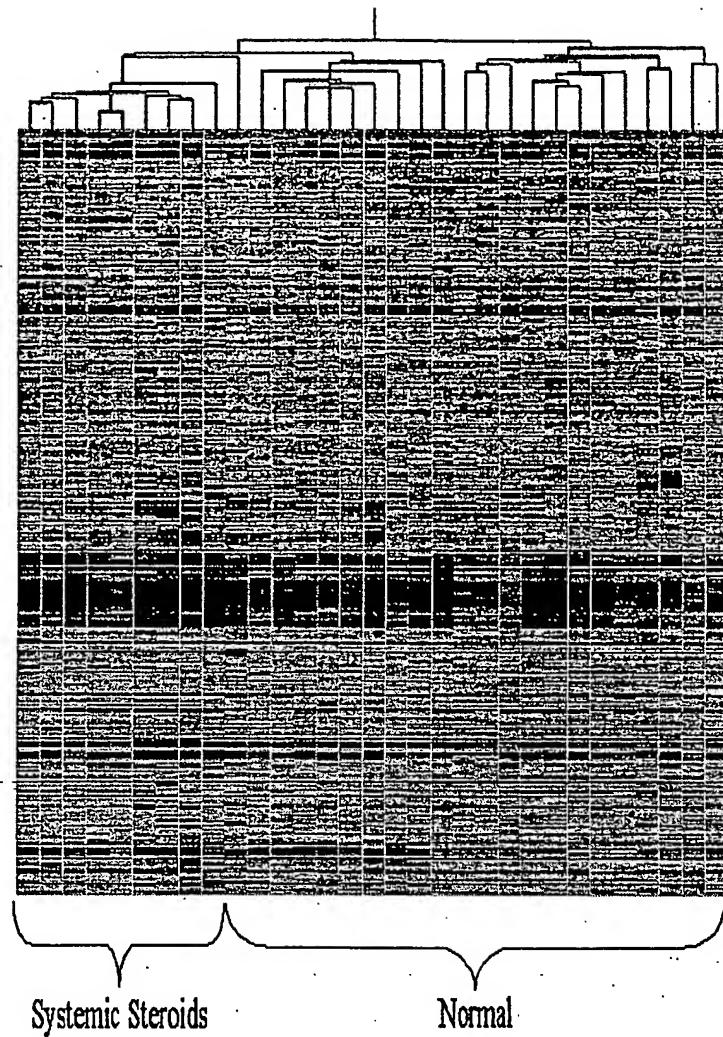
Allergies: 6

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 633

Figure 11

Systemic
Steroids



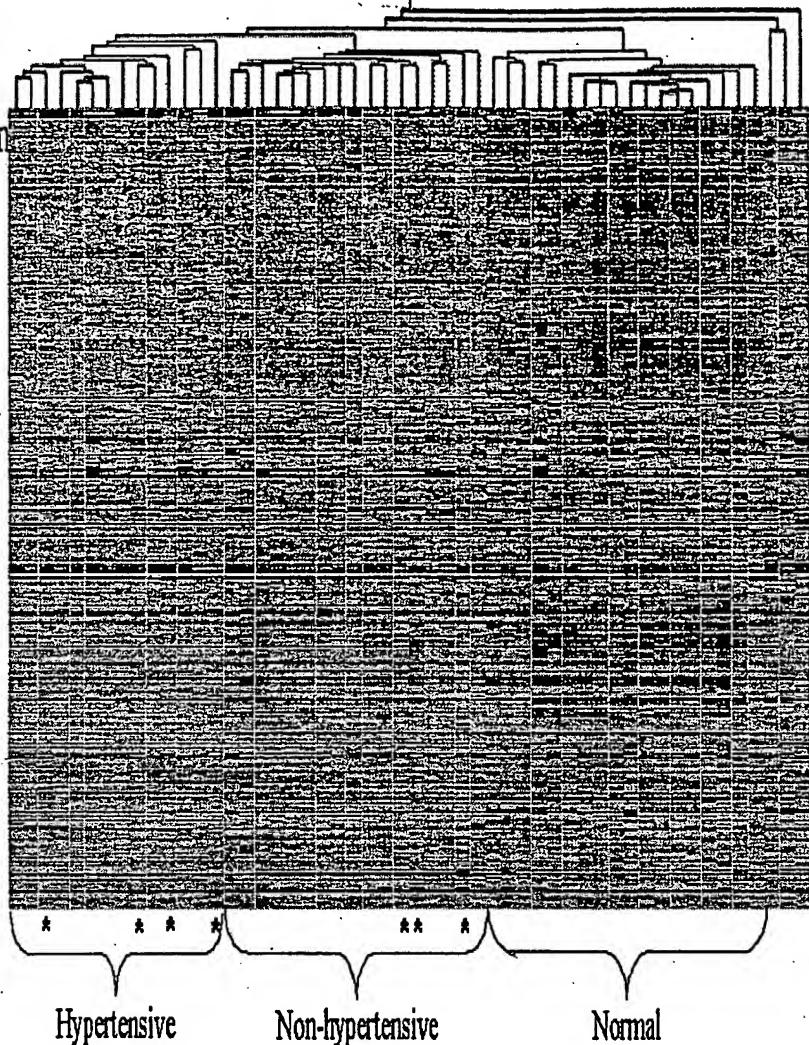
Systemic Steroids: 9

Normal: 22

Differentially Expressed Genes ($p < 0.05$): 605

Figure 12

Hypertension



Hypertensive: 10

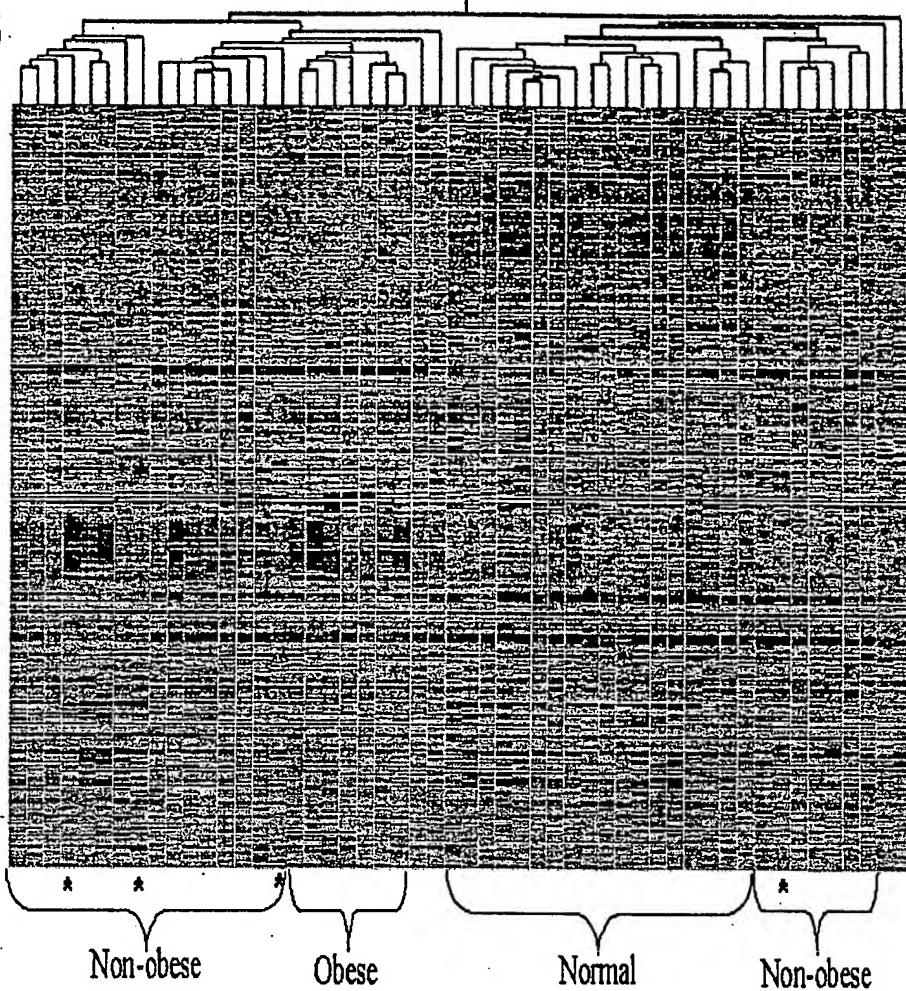
Non-hypertensive: 18

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 1,993

Figure 13

Obesity



Obese: 8

Non-obese: 20

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 1,147

Figure 14

Diabetes
Type 2

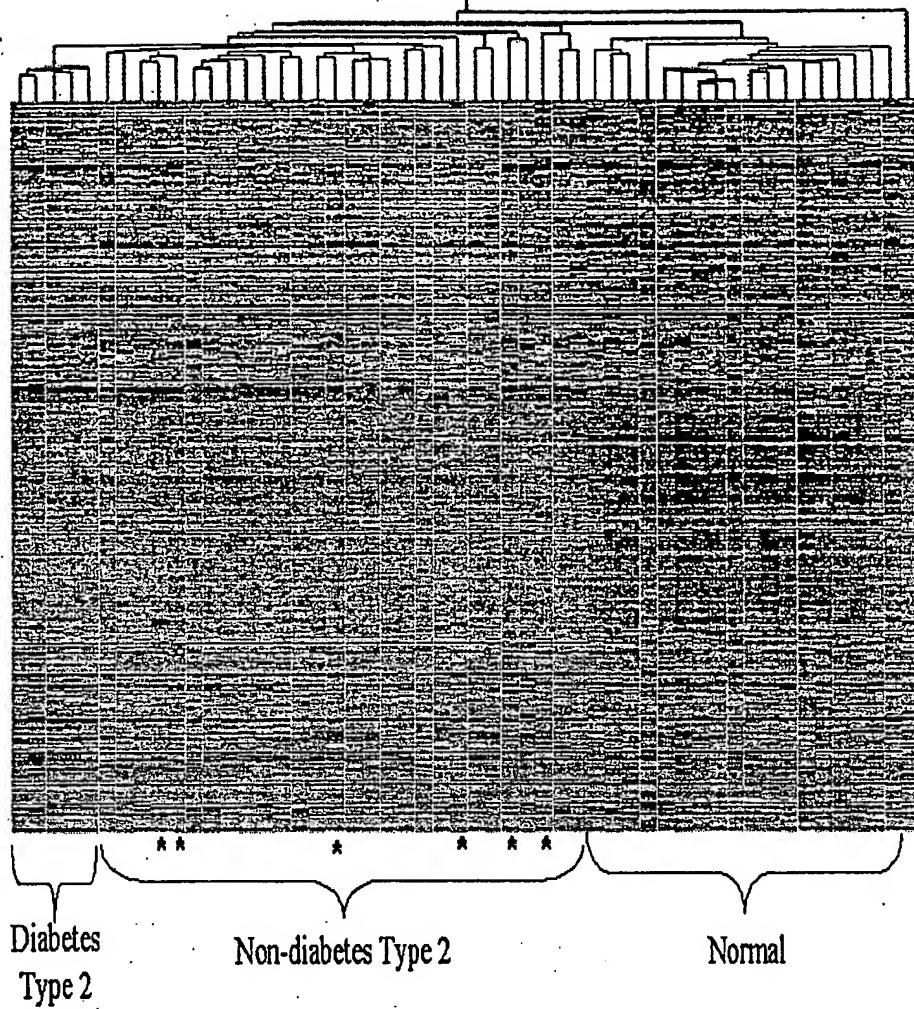
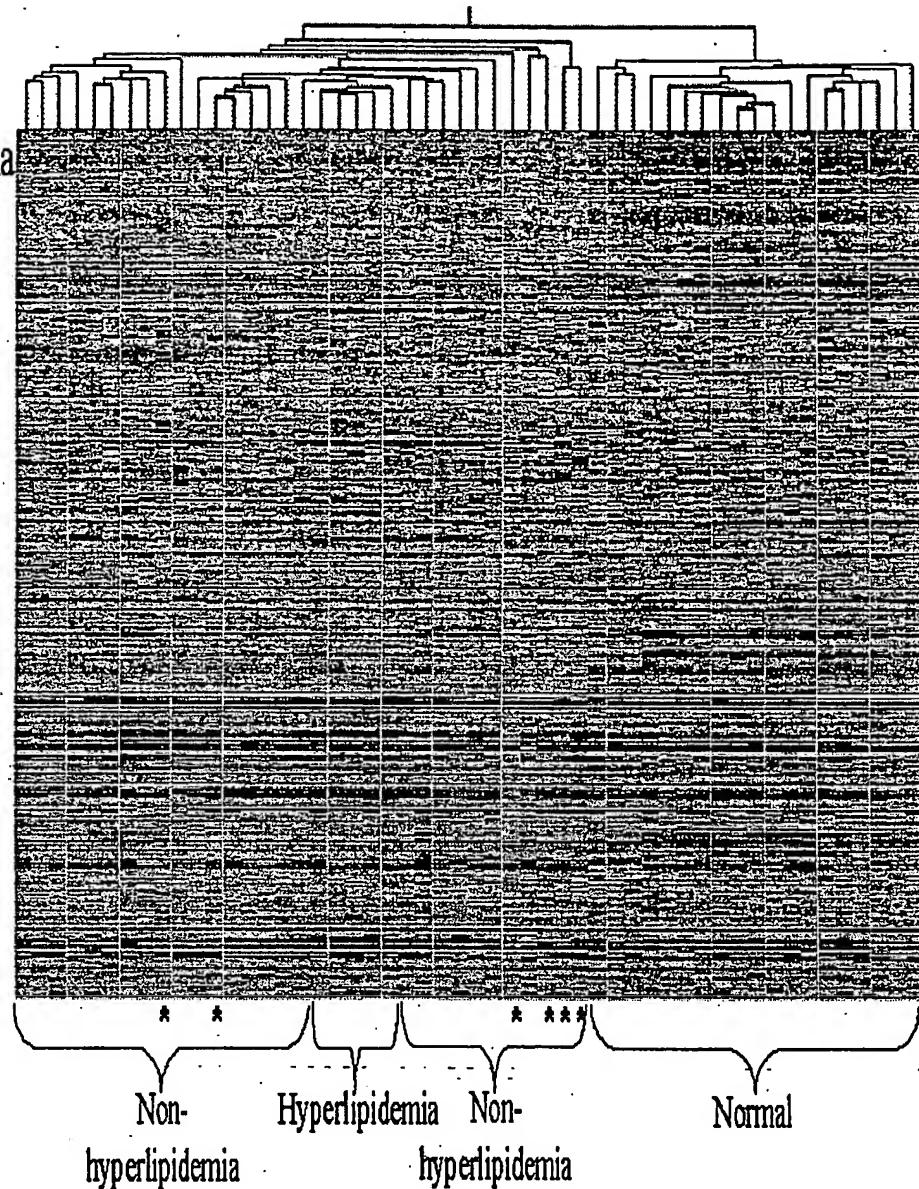


Figure 15

Hyperlipidemia



Non-
hyperlipidemia

Hyperlipidemia
Non-
hyperlipidemia

Normal

Hyperlipidemia: 7

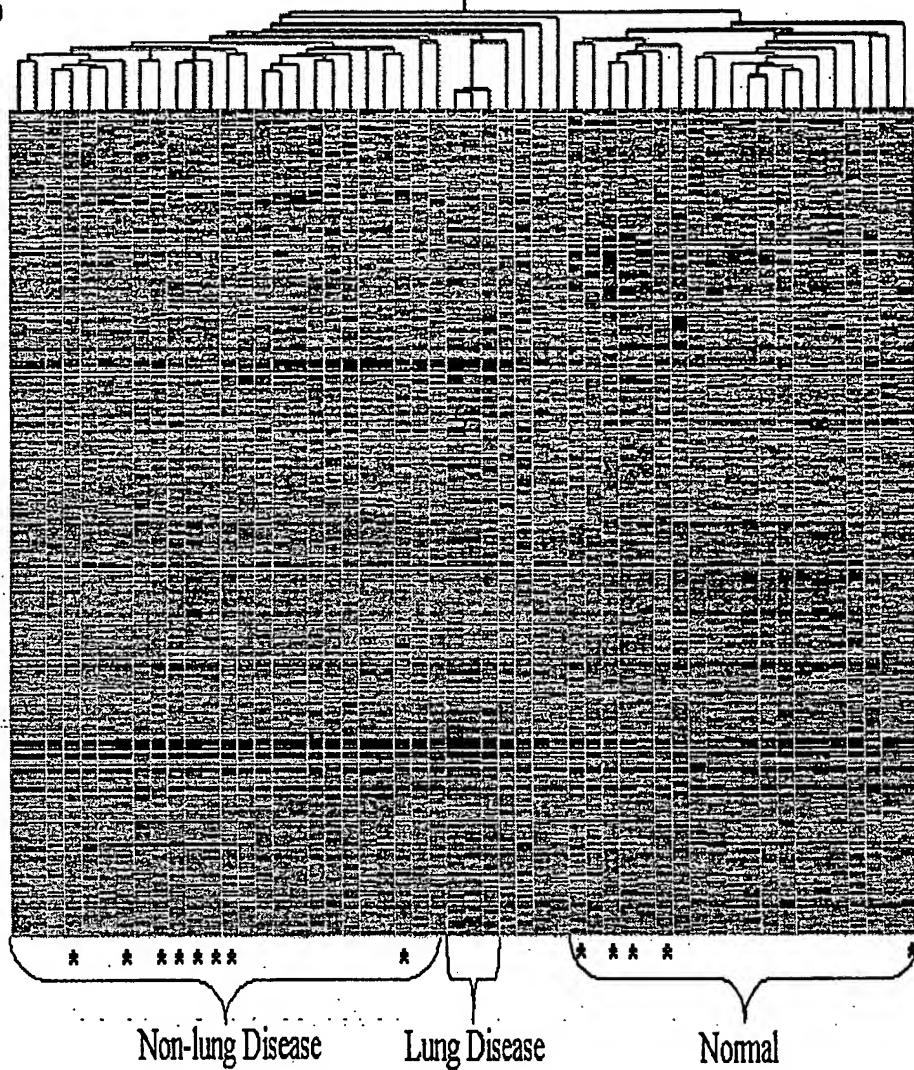
Non-hyperlipidemia: 21

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 1,022

Figure 16

Lung
Disease



Lung Disease: 3

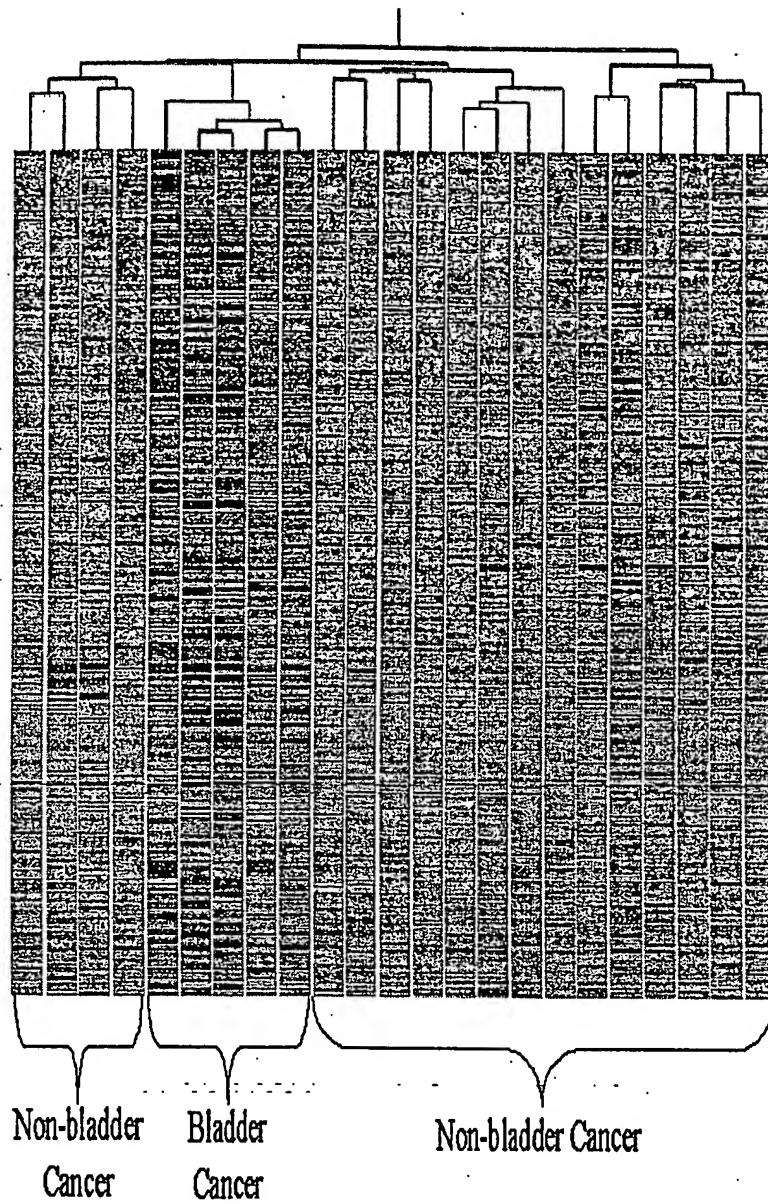
Non-lung Disease: 25

Normal: 24

Differentially Expressed Genes ($p < 0.05$): 596

Figure 17

Bladder
Cancer



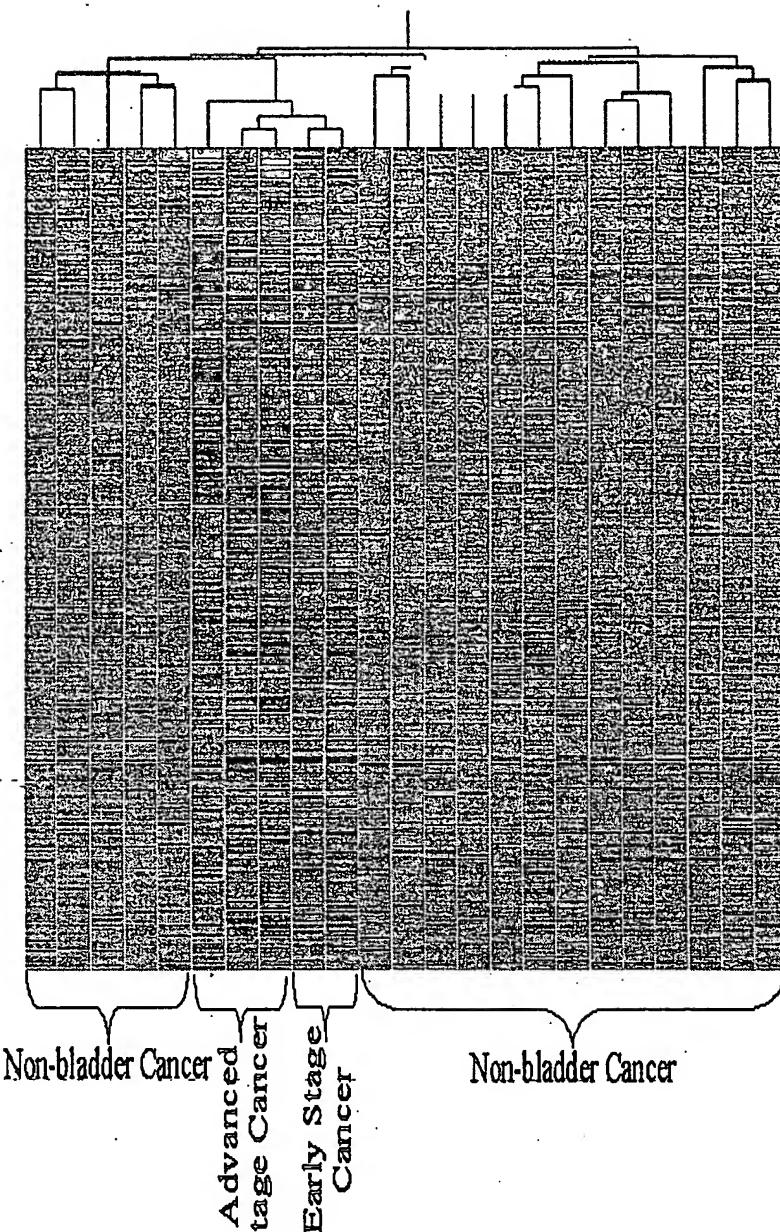
Bladder Cancer: 5

Non-bladder Cancer: 18

Differentially Expressed Genes ($p < 0.05$): 4,228

Figure 18

Bladder
Cancer



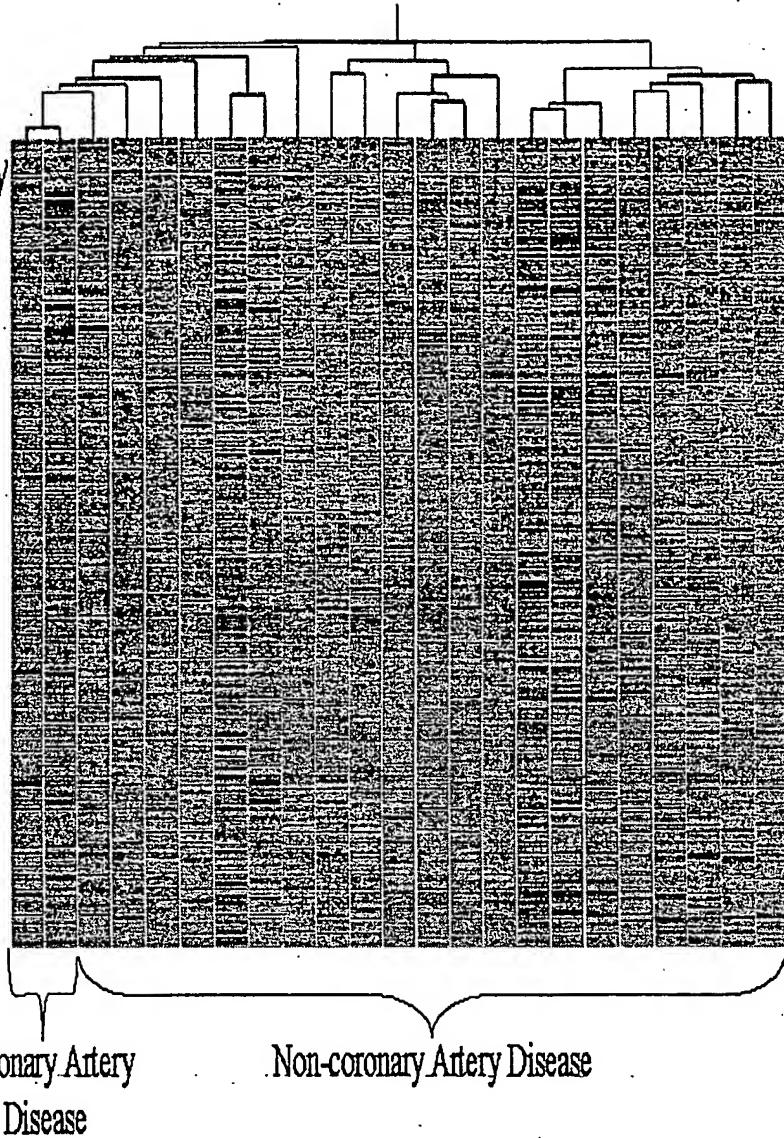
Bladder Cancer: 3 advanced stage, 2 early stage

Non-bladder Cancer: 18

Differentially Expressed Genes ($p < 0.05$): 3,518

Figure 19

Coronary Artery
Disease



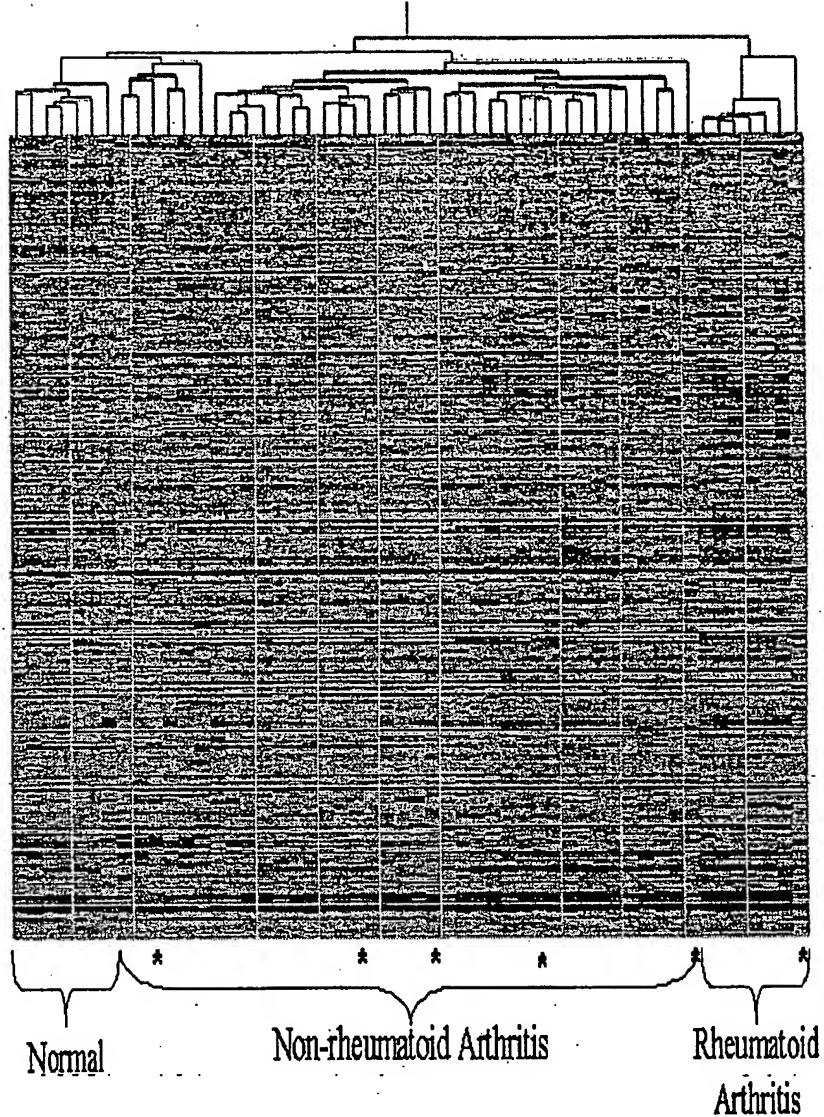
Coronary Artery Disease: 2

Non-coronary Artery Disease: 21

Differentially Expressed Genes ($p < 0.05$): 967

Figure 20

Rheumatoid
Arthritis



Rheumatoid Arthritis: 6

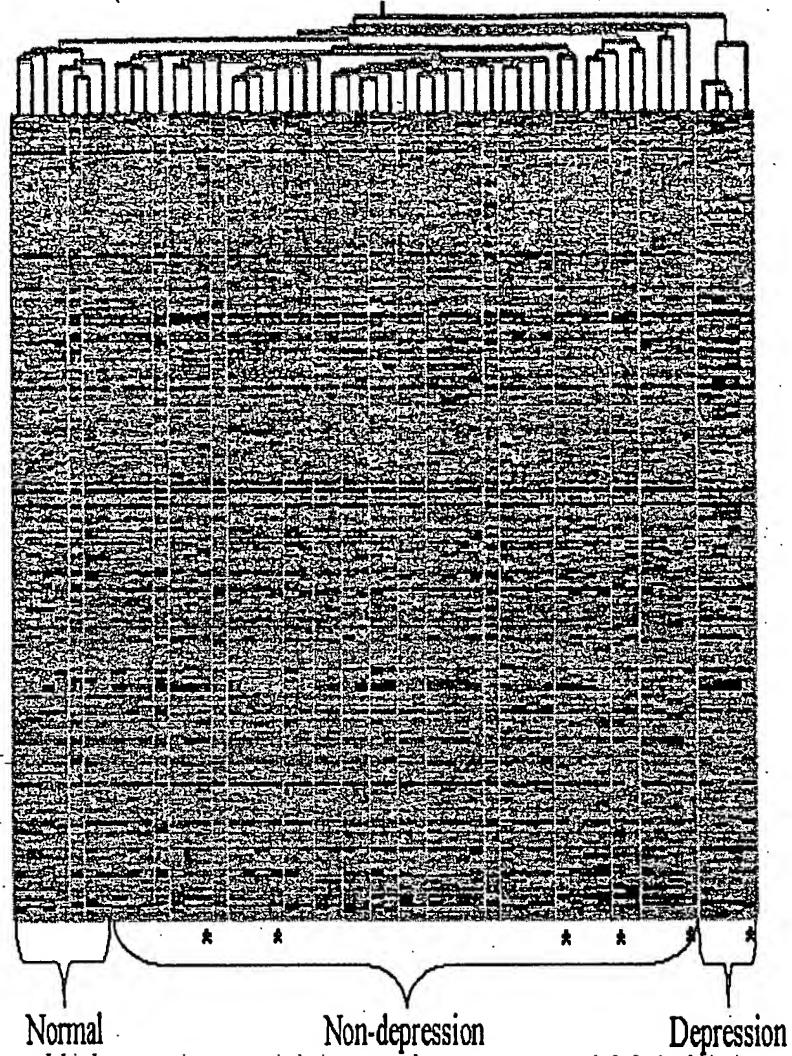
Non-rheumatoid Arthritis: 34

Normal: 12

Differentially Expressed Genes ($p < 0.05$): 2,068

Figure 21

Depression



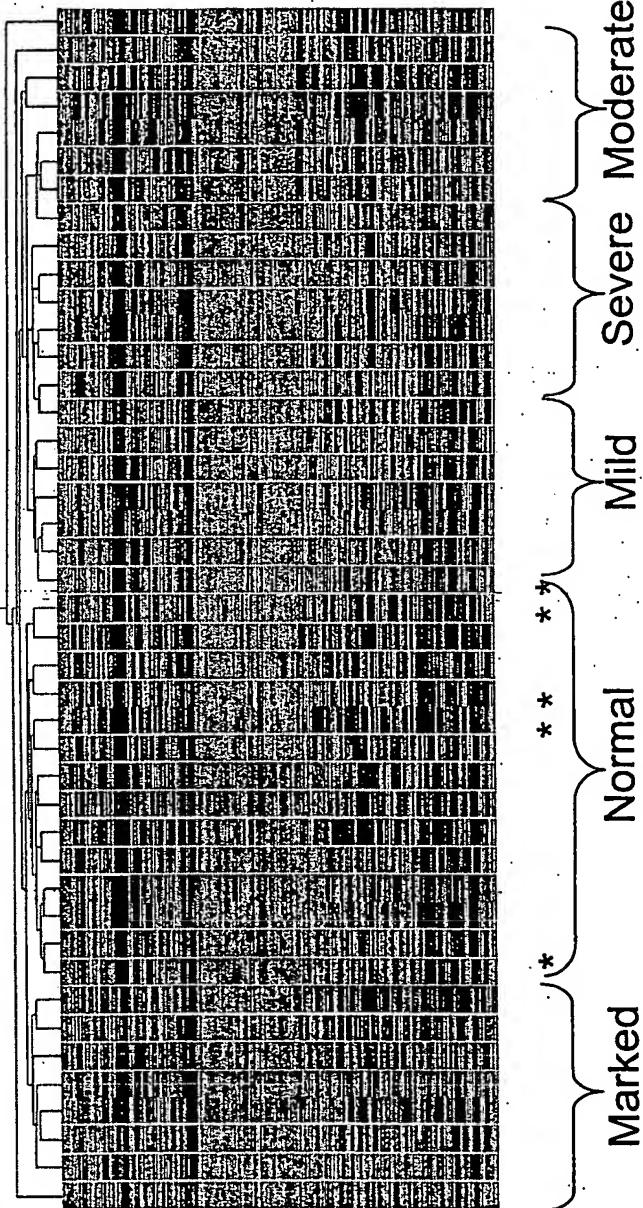
Depression: 3

Non-depression: 37

Normal: 12

Differentially Expressed Genes ($p < 0.05$): 941

Figure 22
Osteoarthritis



Osteoarthritis: 9 mild, 8 moderate, 8 marked, 9 severe

Normal: 9

Differentially Expressed Genes ($p < 0.05$): 300

Figure 23 RT-PCR of overexpressed genes in CAD peripheral blood cells identified using microarray experiments, including PBP, PF4 and F13A.

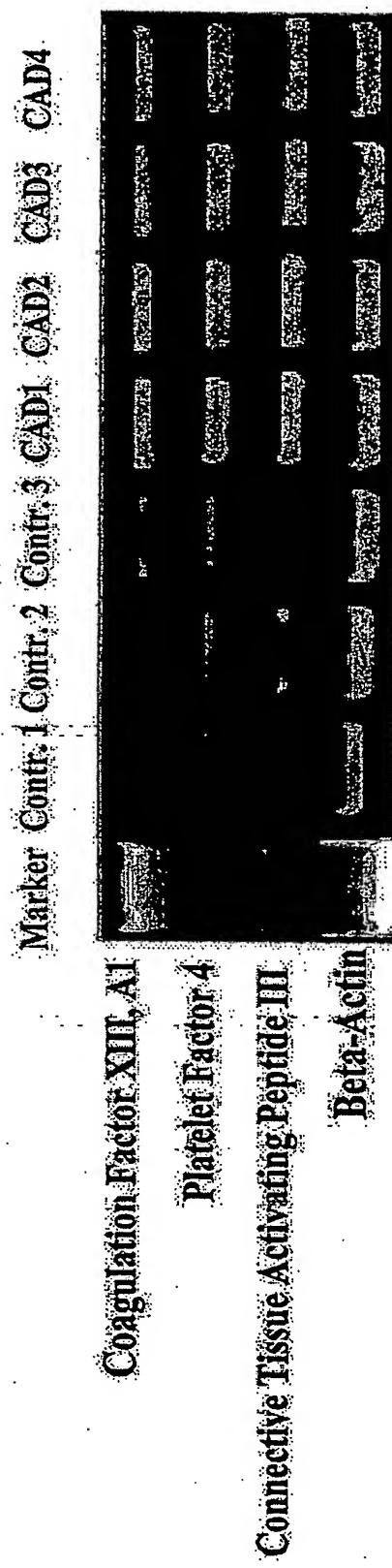


Figure 24

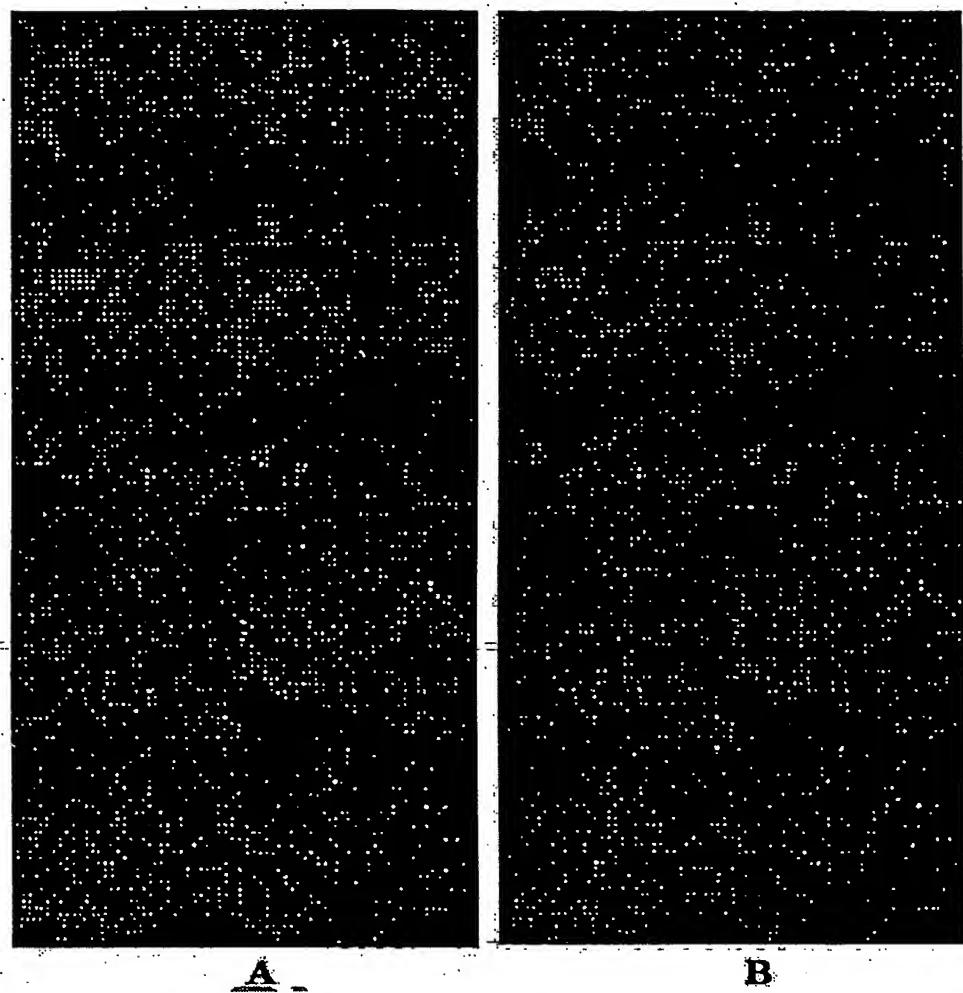


Figure 25

Liver Cancer

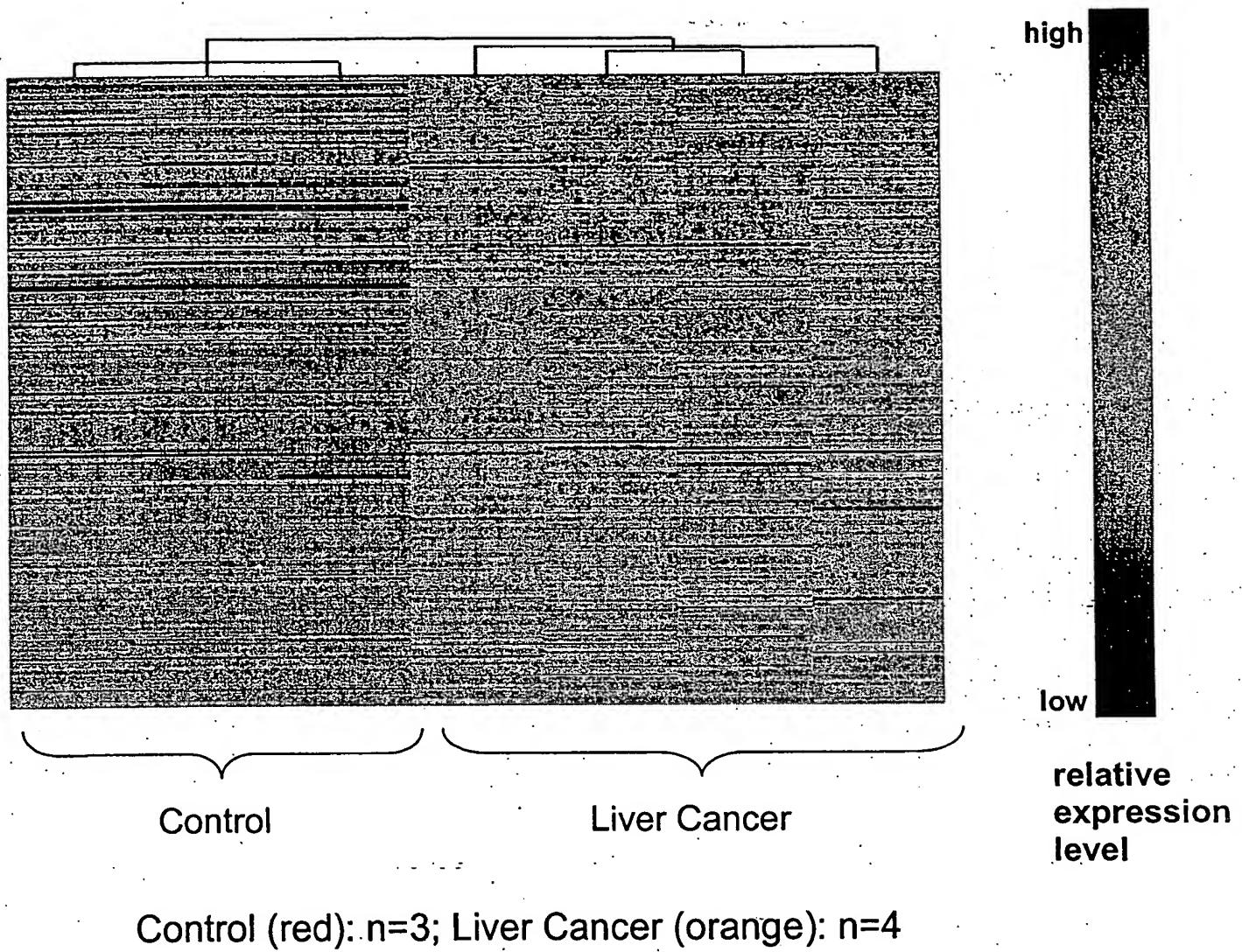
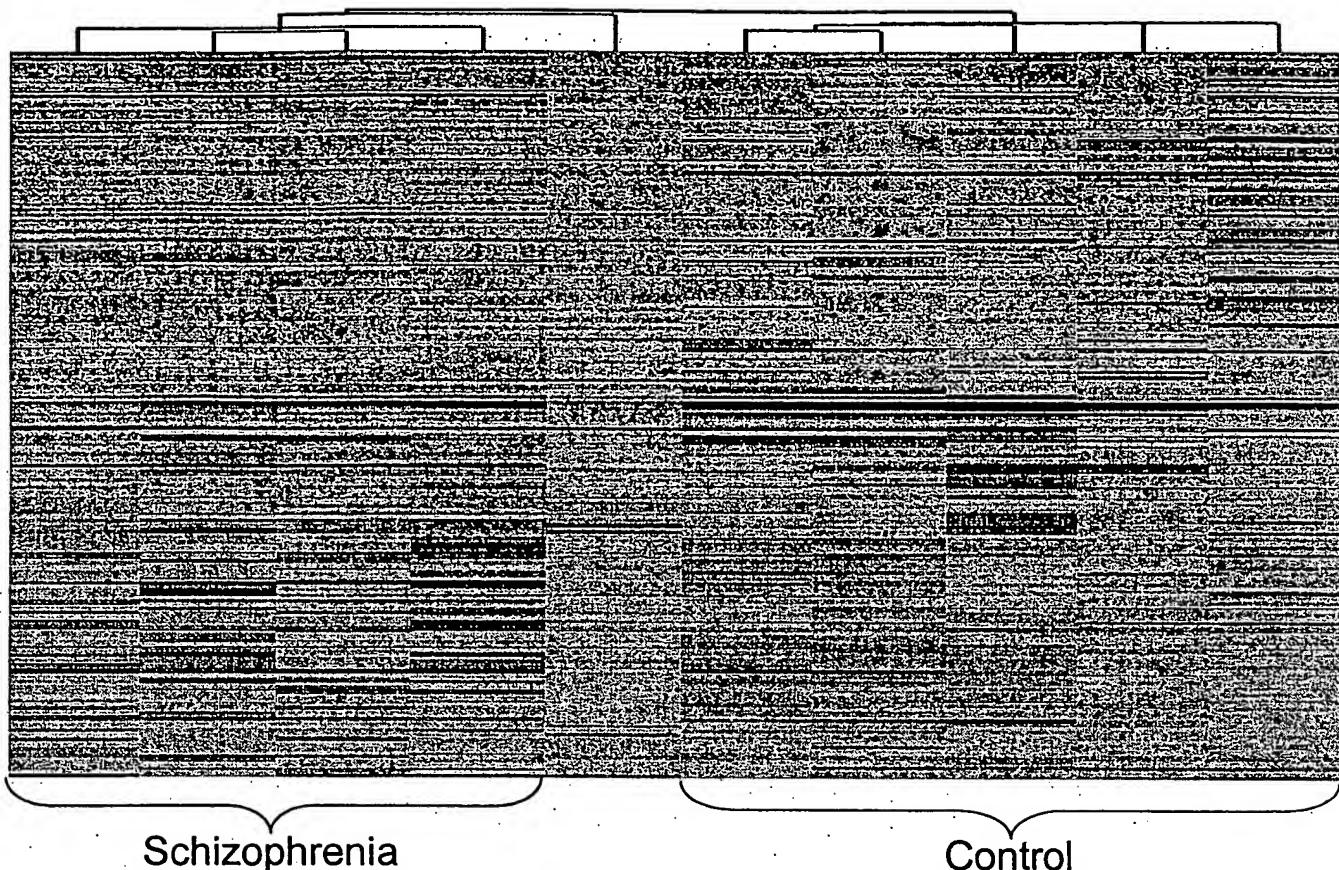


Figure 26

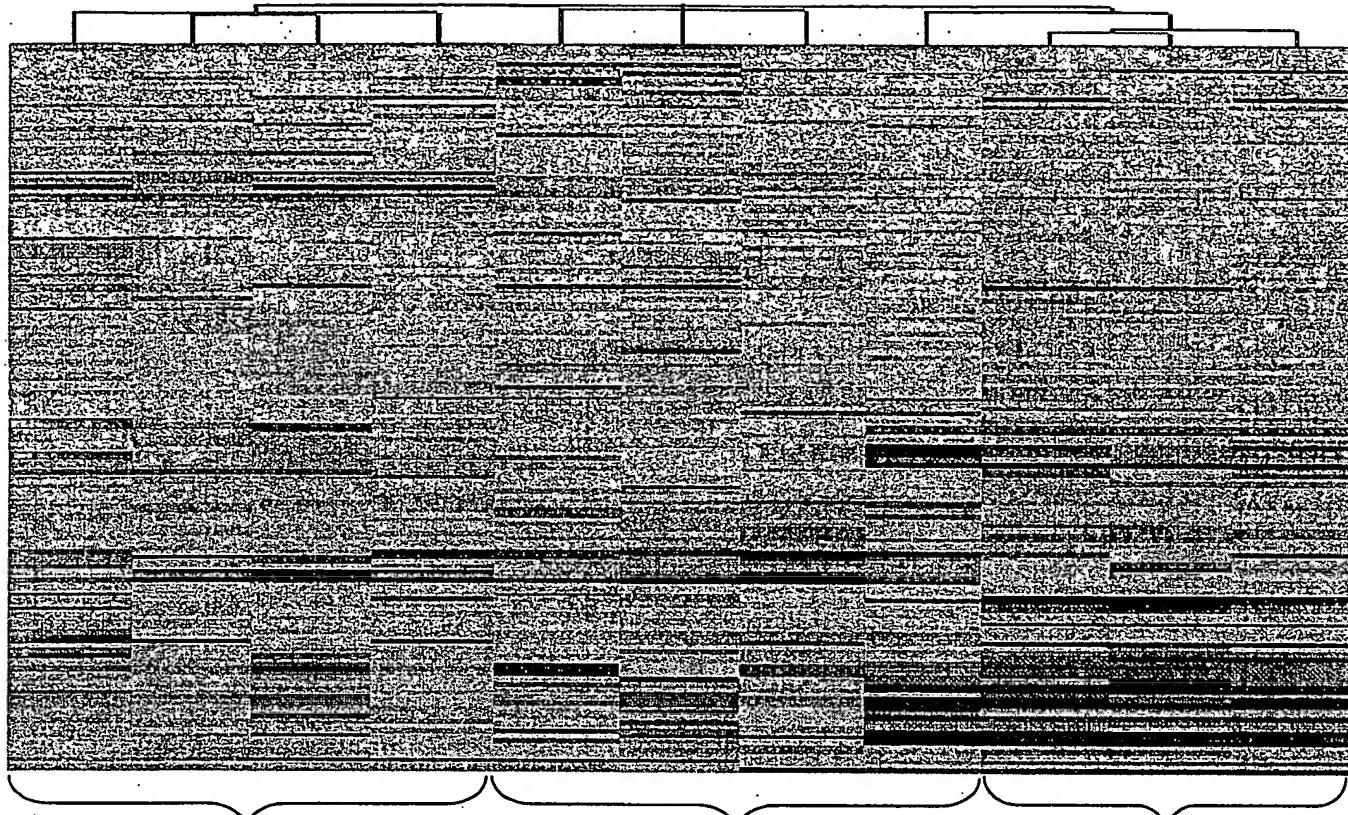
Schizophrenia



Control (red): n=6; Schizophrenia (orange): n=4

p<0.005
252 genes

Figure 27
Chagas Disease



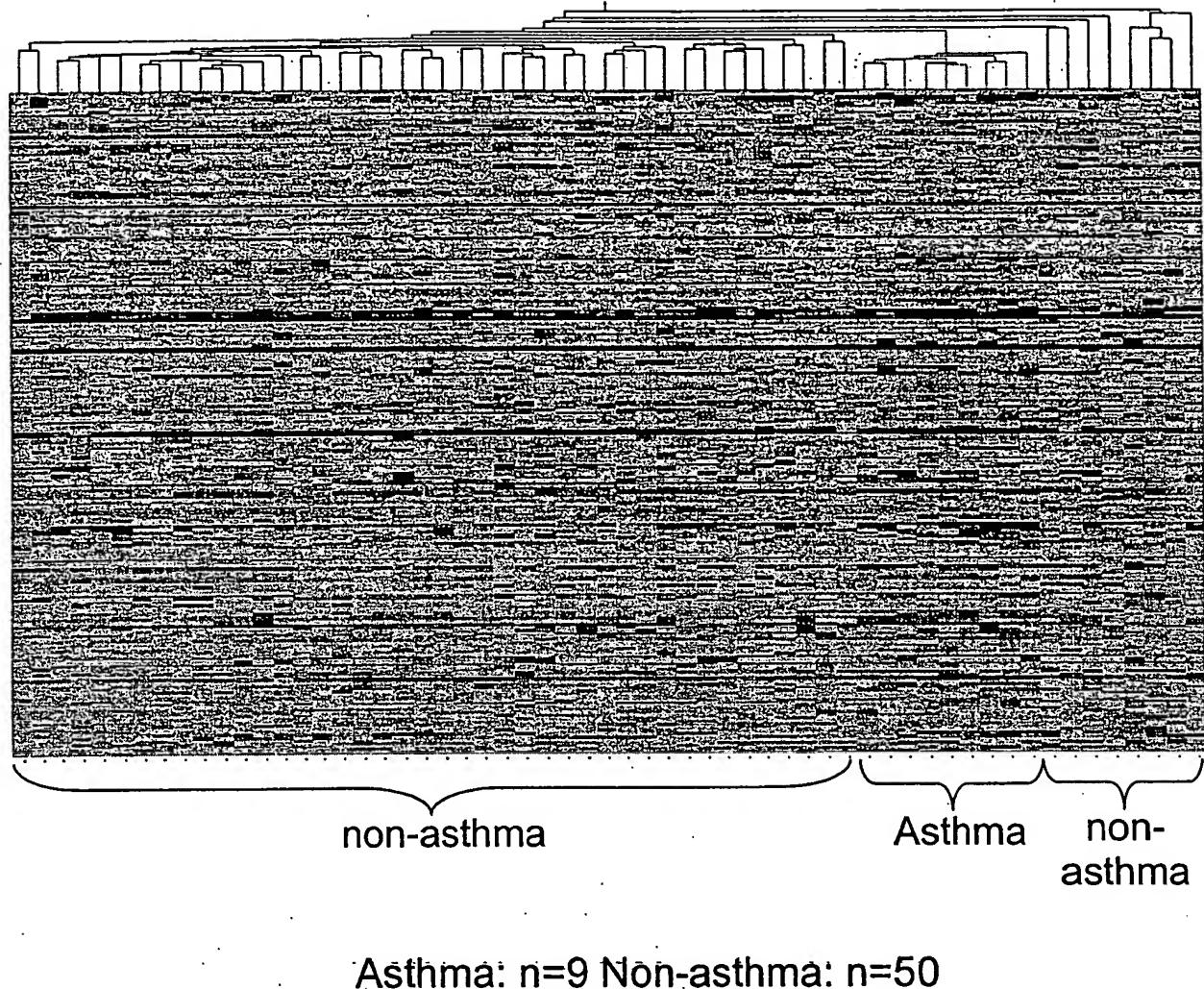
Control Asymptomatic Symptomatic

Control (orange): n=4; Chagas' asympt. (red): n=4;
Chagas' sympt. (yellow): n=3

p<0.01
155 genes

Figure 28

Asthma



$p < 0.05$
219 genes

Figure 29

Intersecting
Genes
(Table 3Q)

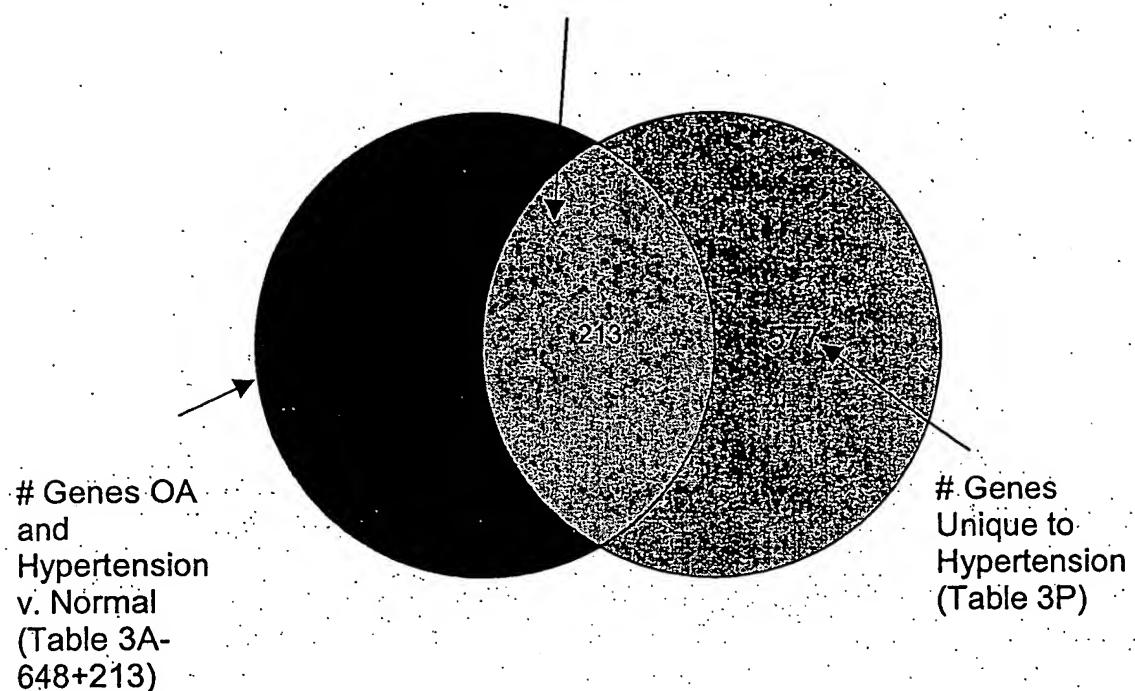


Figure 30

Intersecting
Genes
(Table 3S)

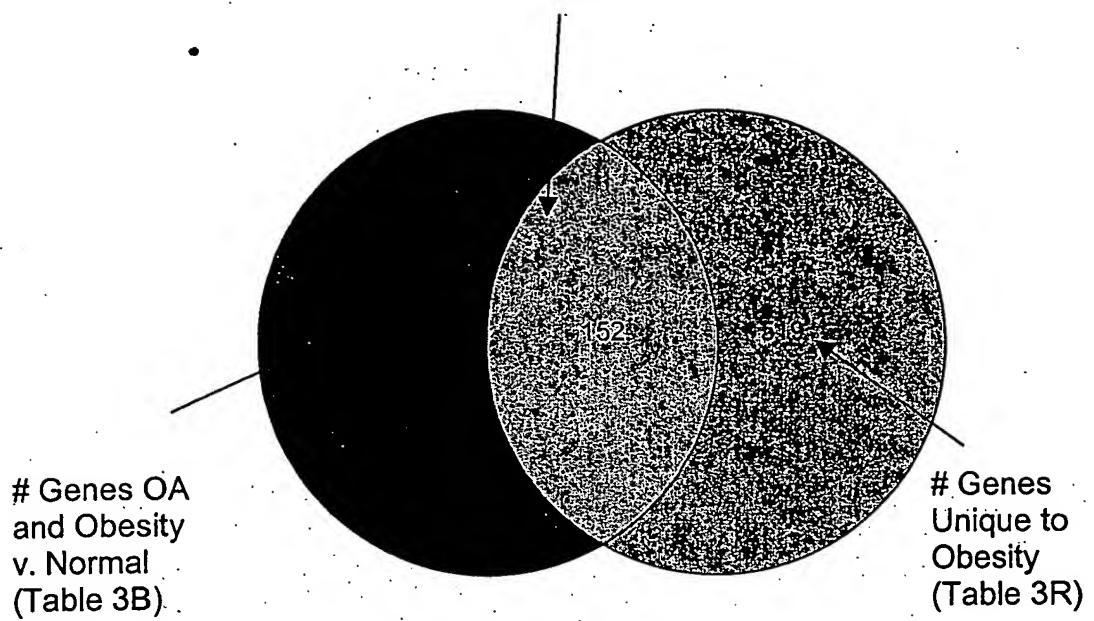


Figure 31

Intersecting
Genes
(Table 3U)

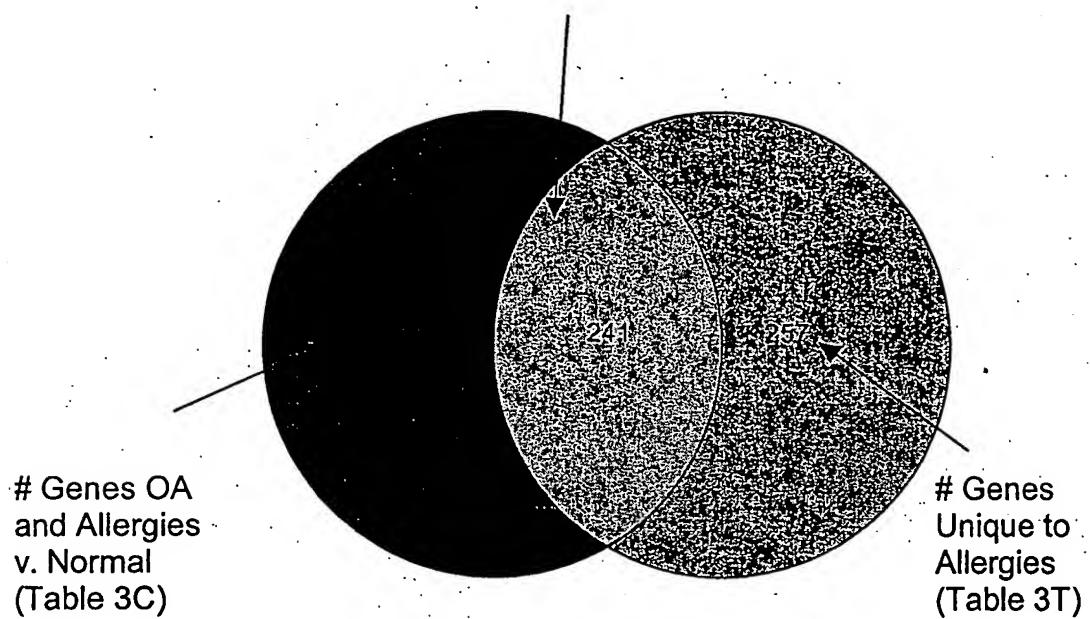


Figure 32

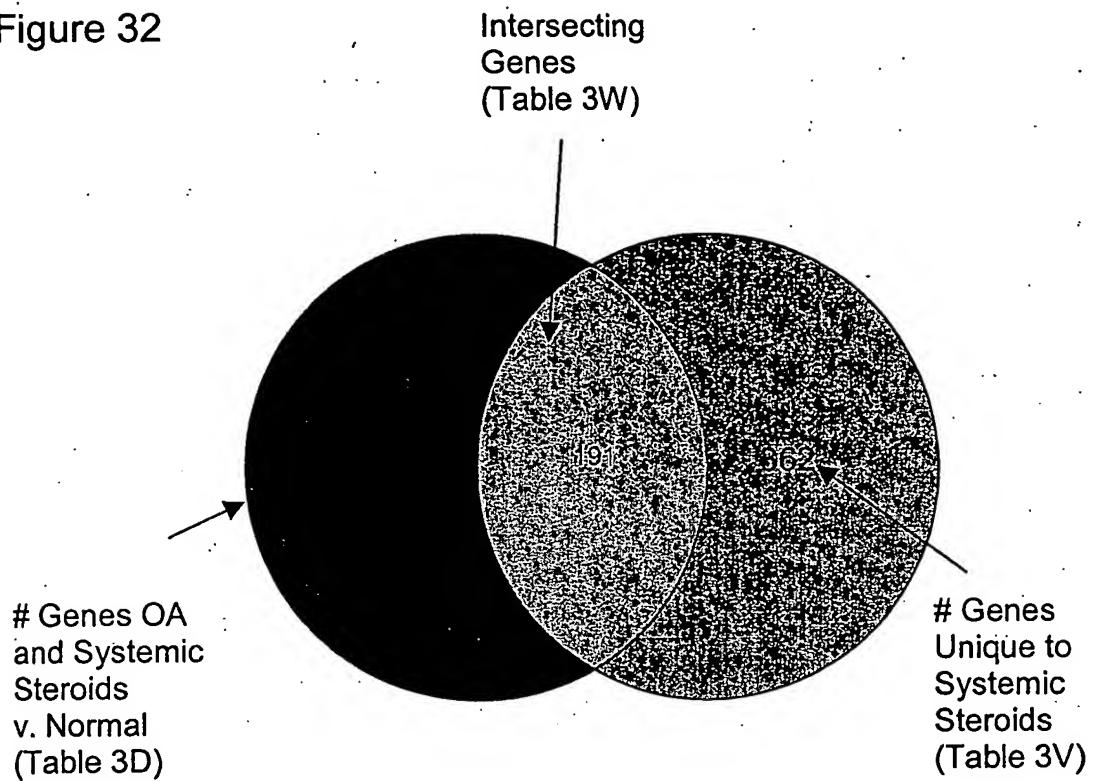
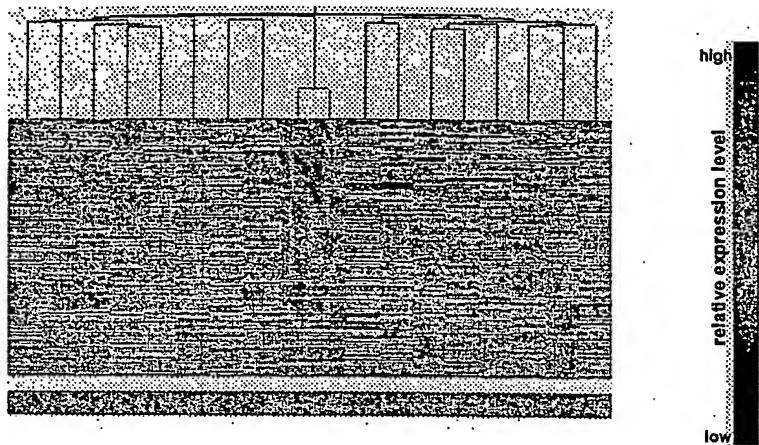


Figure 33

Schizophrenia, Batch 2 vs. MDS



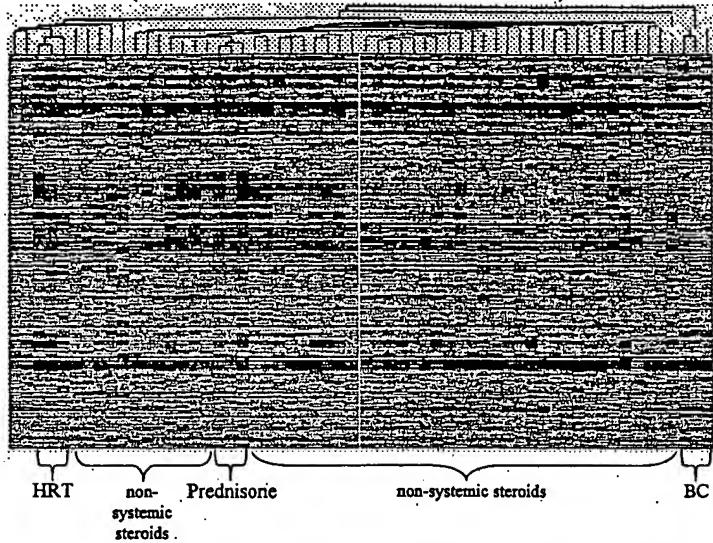
p<0.05
294 genes

Schizophrenia (yellow): n=16; MDS (blue): n=2

MDS = Manic Depression Syndrome

Figure 34

OA Blood Samples Co-morbidities Study: Systemic Steroid Groups
(n=59: mild OA blood-29, severe OA blood-30)



Systemic Steroids (n=9): 3 prednisone, 3 birth control, 3 hormone replacement therapy
Non-systemic steroids: 50
Differentially Expressed Genes ($p < 0.05$): 396

HRT = hormone replacement therapy; BC = birth control